



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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To: Muhammad Imtiaz (Project Manager)
AS Enterprises Engineers & Contractors, Karachi
Project: US & Dynamo Sunder Ind. Estate Lahore

10135
Dr.Qasim Khan

Our Ref. No. CL/CED/ 174 Dated: 09-06-20
Your Ref. No. USD/ASE/20 Dated: 21-05-20

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21-05-20 Tested on: 09-06-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* /Wet Weight (gms) | | | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|----------------|---------------------------------------|--|--|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|---------|
| 1 | I-Section Grey | | | | 2.2 Thick | 3842 | 42.4 | 164 | 8670 | |
| 2 | I-Section Grey | | | | 2.2 Thick | 3624 | 42.4 | 148 | 7820 | |
| 3 | I-Section Grey | | | | 2.2 Thick | 3819 | 42.4 | 141 | 7450 | |
| 4 | I-Section Grey | | | | 2.2 Thick | 3786 | 42.4 | 117 | 6190 | |
| 5 | I-Section Grey | | | | 2.2 Thick | 3815 | 42.4 | 174 | 9200 | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

* as engraved on the specimens (if any)
** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory
The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab) Director/Dy. Director Concrete Laboratory